

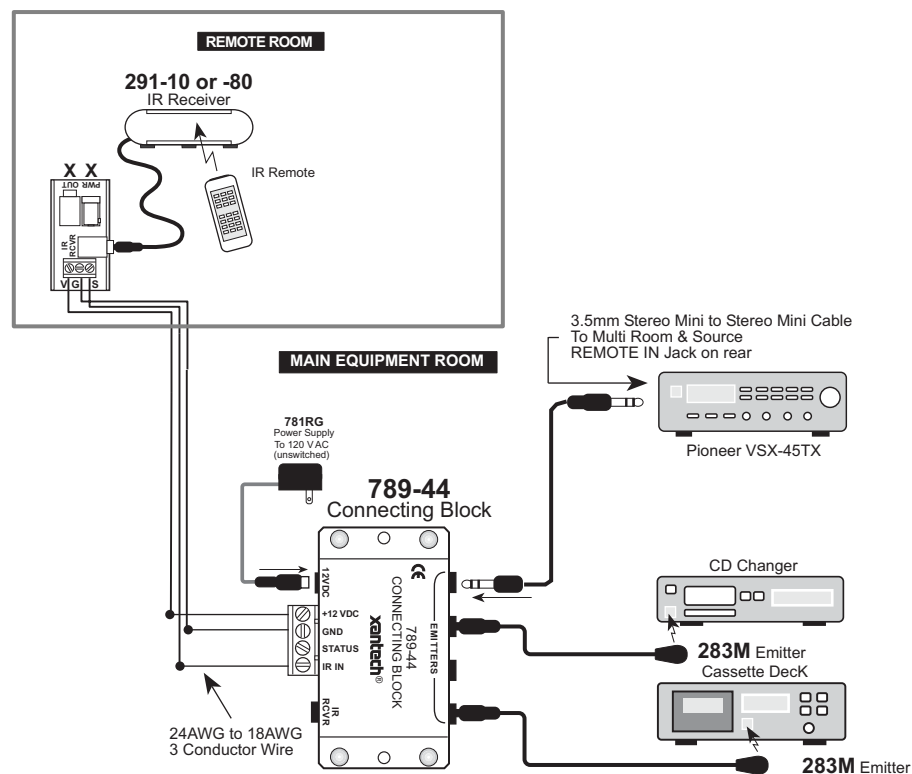
**Symptom:** Unable to control a Pioneer VSX-45TX Receiver via the **Multi Room & Source REMOTE IN** jack on the rear of the receiver.

**Solution:** This requires any one of Xantech's IR Receivers (291, 480,490, or 780 Series), 781RG Power Supply with a standard connecting block (CB12, 789-44 etc.) and a 3.5mm Stereo Mini Plug to Stereo Mini Plug cable.

This is a DIRECT Connect application with a standard emitter out but requires a Stereo Mini Plug instead of a Mono Mini Plug.

**NOTE: Do not use a mono mini plug when connecting to the MR&S Remote IN Jack on the rear of the receiver.** The Pioneer VSX-45TX MR&S Remote IN jack outputs a 5VDC voltage on the RING of the Stereo Mini Jack. Using a Mono Mini Plug will short this voltage to ground and possibly damage the unit.

1. To operate the receiver from a remote room, connect the system as follows (see Figure 1 for reference):



**Figure 1: Sample IR Repeater setup configuration**

2. Using a 3.5mm Stereo Mini Plug cable (Xantech PN#06017600), connect one end into a spare emitter port on the 789-44 Connecting Block (or other) and the opposite end into the Green jack on the rear of the Receiver marked **Multi Room & Source REMOTE IN**.

In addition to the above IR Repeater setup, you will also need to enable the receiver as follows:

1. Configure the Multiroom setup for IR Receiver operation (see page 76 of the Pioneer VSX-45TX manual).
  - a. Turn ON the Receiver and press the SYSTEM Setup button on the Remote
  - b. Using the UP/DOWN cursors select the MULTI ROOM Menu
  - c. Select the IR Receiver sub-menu
  - d. Set the IR Receiver to OTHERS (choice is PIONEER or OTHERS) and exit the menu. This will disable the 5VDC signal.

**Note:** If after making SYSTEM SETUP changes, the IR stops working, simply unplug the VSX-45TX from the AC Source, wait 5-10seconds and plug back in resetting the port.

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